

071949-2404

Patent

PENDING CLAIMS

For the convenience of the Examiner, the pending claims are recited below:

1-29 (Cancelled)

30. (Previously added) A fluorescent particle, comprising:
a first compound selected from the group consisting of silicon phthalocyanine bis(dimethylhexylvinylsilylooxide) and silicon phthalocyanine bis(trihexylsilylooxide); and
a second compound that is a bis(dimethylhexylvinylsilylooxide)-substituted or bis(trihexylsilylooxide)-substituted phthalocyanine, naphthalocyanine, or anthranylcyanine derivative, or a bis(dimethylhexylvinylsilylooxide)-substituted or bis(trihexylsilylooxide)-substituted hybrid phthalocyanine derivative.

31. (Previously added) A fluorescent particle according to claim 30, wherein said particle is a latex particle.

32. (Previously added) A fluorescent particle according to claim 30, wherein said particle is a silica particle.

33. (Previously added) A fluorescent particle according to claim 30, wherein said first compound and said second compound are each bis(dimethylhexylvinylsilylooxide)-substituted compounds.

34. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon 2,3-naphthalocyanine bis(dimethylhexylvinylsilylooxide).

35. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon phthalocyanine bis(trihexylsilylooxide).

36. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilylooxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] (2,3-naphthalocyanine) (2,3-tert-butylphthalocyanine) bis(dimethylhexylvinylsilylooxide).

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37. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] [di(2,3-tert-butylphthalocyanine] bis(dimethylhexylvinylsilyloxide).

38. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon [di(2,3-naphthalocyanine)] [di(1,4-diphenylphthalocyanine] bis(dimethylhexylvinylsilyloxide).

39. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] diphthalocyanine bis(dimethylhexylvinylsilyloxide).

40. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon [di(1,6-diphenyl-2,3-naphthalocyanine)] [di(2,3-dicyanophthalocyanine)] bis(dimethylhexylvinylsilyloxide).

41. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon 2,3-naphthalocyanine bis(dimethylhexylvinylsilyloxide).

42. (Previously added) A fluorescent particle according to claim 30, wherein said first compound is silicon phthalocyanine bis(dimethylhexylvinylsilyloxide), and said second compound is silicon [di(1,6-diphenylnaphthalocyanine)] diphthalocyanine bis(dimethylhexylvinylsilyloxide).

43. (Previously added) A fluorescent particle according to claim 30, wherein said particle further comprises an antibody.

44. (Previously added) A fluorescent particle according to claim 30, wherein said particle further comprises a nucleic acid.

45. (Previously added) A fluorescent particle according to claim 30, wherein the size of said particle is between 0.1 nm and 5000 nm.

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46. (Previously added) A fluorescent particle according to claim 37, wherein the size of said particle is between 1 nm and 1000 nm.

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